

CELANESE CHEMICAL CO INC -- N-BUTYL ACETATE,REGULAR GRADE -- 6810-00-222-2742

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Product Identification  
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Product ID:N-BUTYL ACETATE,REGULAR GRADE

MSDS Date:04/17/1989

FSC:6810

NIIN:00-222-2742

MSDS Number: BLSRK

=== Responsible Party ===

Company Name:CELANESE CHEMICAL CO INC

Address:1250 W. MOCKINGBIRD LANE

City:DALLAS

State:TX

ZIP:75247

Country:US

Info Phone Num:806-665-5522/214-689-4000

Emergency Phone Num:800-835-5235/CHEMTREC 800-424-9300

CAGE:62215

=== Contractor Identification ===

Company Name:CELANESE CHEMICAL CO INC; (HOECHST CELANESE CORP)

Address:1250 W MOCKINGBIRD LN

Box:City:DALLAS

State:TX

ZIP:75246

Country:US

Phone:800-424-9300

CAGE:62215

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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Composition/Information on Ingredients  
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Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 98%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 14,000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-INHALATION:CAUSES IRRITATION OF  
NASAL PASSAGES,NAUSEA,DIZZINESS,HEADACHE.MAY CAUSE HEARING  
IMPAIRMENT.EYE:CAN CAUSE SEVERE INJURY-DAMAGE REVERSIBLE.SKIN:CAN  
CAUSE MODERATE INJURY.SLIGHTLY TOXIC BY ABSORPTION.INGESTION:MOUTH  
& THROAT IRRITATION,HEADACHE,DIZZINESS & UNCONSCIOUSNESS.C  
HRONIC-NO  
INFORMATION.  
Effects of Overexposure:INHALATION CAUSES IRRITATION OF NASAL PASSAGES,  
NAUSEA, DIZZINESS, HEADACHE. MAY CAUSE HEARING IMPAIRMENT. CAN  
CAUSE SEVERE REVERSIBLE EYE INJURY. CAN CAUSE MODERATE SKIN INJURY.  
SLIGHTLY TOXIC BY ABS ORPTION. INGESTION CAN CAUSE MOUTH & THROAT  
IRRITATION, HEADACHE, DIZZINESS & UNCONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:SIGNIFICANT EXPOSURE TO THIS  
CHEMICAL MAY ADVERSELY AFFECT PEOPLE WITH CHRONIC DISEASE OF THE

RESPIRATORY SYSTEM, SKIN AND/OR EYES.

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First Aid Measures  
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First Aid:OBTAIN MEDICAL ATTENTION.INGESTION:IF CONSCIOUS,INDUCE VOMITING BY GIVING TWO GLASSES OF WATER & TOUCHING BACK OF THROAT.INHALATION:REMOVE FROM EXPOSURE.PROVIDE CPR/OXYGEN IF NEEDED.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SKIN:WASH WITH LARGE AMOUNT OF WATER.

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Fire Fighting Measures  
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Flash Point Me

thod:TOC

Flash Point:93.0F,33.9C

Lower Limits:1.7

Upper Limits:7.6

Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRE,ALCOHOL-TYPE AQUEOUS FILM-FORMING FOAM OR WATER SPRAY FOR LARGE FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.WATER MAY BE INEFFECTIVE BUT USE TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH

BACK.MATERIAL CREATES A SPECIAL HAZARD BECAUSE IT FLOATS ON H2O

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Accidental Release Measures  
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Spill Release Procedures:FIRE HAZARD:ELIMINATE ALL SOURCES OF IGNITION. EVACUATE AREA. VENTILATE AREA. STOP RELEASE. DIKE TO CONTAIN SPILL. WEAR PROPER SAFETY EQUIPMENT. IF AMOUNT IS LARGE, REMOVE LIQUID BY VACUUM. IF SMALL, ABSORB ON INERT MATERIAL. AVOID ENTERING TO SEWERS

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Handling  
and Storage  
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Handling and Storage Precautions:STORAGE-STORE IN COOL,WELL-VENTILATED AREA,IN TIGHTLY CLOSED CONTAINERS,AWAY FROM HEAT,SPARKS & FLAMES.

Other Precautions:USE ONLY DOT-APPROVED CONTAINERS.USE SPARK-RESISTANT TOOLS.WHEN TRANSFERRING FOLLOW PROPER GROUNDING PROCEDURES.USE WITH ADEQUATE VENTILATION.AVOID BREATHING VAPORS.AVOID CONTACT WITH EYES,SKIN & CLOTHING. DISCARD CONTAMINATED LEATHERS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF LEVELS EXCEED THE RECOMMENDED HEALTH STANDARDS, WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR. FOR EMERGENCY USE, WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA).

Ventilation:IF LEVELS EXCEED THE RECOMMENDED HEALTH STANDARDS, USE LOCAL EXHAUST VENTILATION.

Protective Gloves:NEOPRENE OR RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:FOR OPERATIONS WHERE SPILLS OR SPLASHING CAN OCCUR,USE I

MPERVIOUS BODY COVERING AND TOOLS,A SAFETY SHOWER AND EYE BATH.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt.=137.8C, 280.F

Melt/Freeze Pt:=-73.3C, -100.F

Vapor Pres:8.4

Vapor Density:4.0

Spec Gravity:0.8820

Evaporation Rate & Reference:1.0 (N-BUTYL ACETATE=1)

Solubility in

Water:0.68% @ 20C

Appearance and Odor:CLEAR, COLORLESS MOBILE LIQUID WITH FRUITY ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE, NITRIC ACID OR CHROMIUM TRIOXIDE

Stability Condition to Avoid:HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE

===== Disposal Considerations =====

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Waste Disposal Methods: THIS PRODUCT WHEN SPILLED OR DISPOSED IS A HAZARDOUS SOLID WASTE AS DEFINED IN RESOURCE CONSERVATION RECOVERY ACT REGULATIONS(40CFR261).PREFERRED METHOD IS INCINERATION OR BIOLOGICAL TREATMENT IN FEDERAL/STATE APPROVED FACILITY. RQ IS 5000LBS.

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